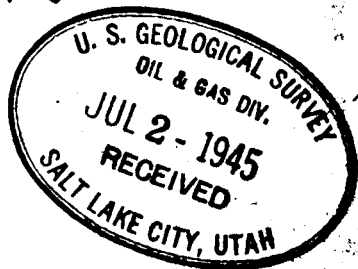


Information required on Utah Drilling and Development Co. Well No. 1  
Section 16, T. 22 S., R. 19 E.

1. Total depth as of date of reply - *575 June 30-45*
2. Number of feet of surface casing - *20 ft.*
3. Size of surface casing - *13" O.D.*
4. Number of sacks of cement on casing - *ten sacks*
5. Date drilling commenced - *June 14-45*

*W. J. L.*



January 24, 1935

## Oil Struck In Crescent Well

A flow of oil, estimated at from 25 to 50 barrels daily, has been encountered at a depth of 1200 feet in the Western Drilling & Development company's well at Crescent, according to information received in Moab yesterday. The well is now being put on the pump and its exact production will be known within a few days.

The well is located on the W. S. McCarthy lease, in section 16-22-19, about two miles south of Crescent Junction. The oil was encountered at 1200 feet, according to Field Superintendent W. E. Fife, and rose about 600 feet in the hole. Tubing was run and a pump installed. All tankage at the location has been filled with crude. Superintendent Fife and S. B. Neff, manager and principal owner of the Western Drilling & Development, were in Moab last night in search of additional tankage.

The well was drilled with a small rotary outfit. There is no water whatever in the hole and all indications are that the well will produce possibly as much as 50 barrels daily. Due to the shallow depth and the proximity of the well to the railroad, such production will be highly profitable, it is pointed out by oilmen.

A drilling exploration campaign in the area east of Monticello will soon start, according to word received in Moab today. The Southern Union Gas company, it is reported, has acquired leases in the Boulder Knoll district and will soon spud in a well there. The company has completed a detailed geophysical survey of the area. Gas was encountered at Boulder Knoll in a well drilled a number of years ago, by Bert Galloway. Mechanical difficulties caused the abandonment of that well. The Southern Union is a major operator in Texas and New Mexico.

UNITED STATES  
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY  
306 Federal Building  
Salt Lake City 1, Utah

July 8, 1946.

MEMORANDUM for the File.      SUBJECT: Utah Drilling & Development Co.  
Well No. 1, W NW <sup>1</sup>/<sub>4</sub> NE <sup>1</sup>/<sub>4</sub> section 16,  
T. 22 S., R. 19 E. (State)

When visiting the well on June 18, Mr. Fife, contractor, gave the following information on current operations at this well.

From 1055-1080 feet is a 20-foot oil sand carrying 35<sup>0</sup> A. P. I. oil. From 1140-1160 feet is a dry sand, and there is shale at 1165 feet. From 1178-1196 feet is a water sand high in sulphur and very cold which filled the hole to within 200 feet of the top. At 1197 feet is a 1-foot shale break below which is another oil sand of a somewhat lighter gravity than the 1055-1080-foot sand. Bottom of the hole is 1215 feet. After futile attempts to free the bottom sand of water by cementing of casing and gun perforating, the hole was plugged back to 1080 feet where, for the past several weeks, the operator has been heating the cold formation, approximately 60<sup>0</sup>, by use of an 8-foot G. E. heating element set on bottom. Electricity is furnished from a gasoline engine directly connected to a 110 volt generator. After a 24 hour heating period with 150 amps the well was pumped and for 6 hours would produce 70 barrels of clean oil, but as soon as the heat had been removed with the oil, the paraffin immediately set up and the well ceased to respond to the pump.

*C. A. Hauptman*  
C. A. Hauptman,  
District Engineer.



THE STATE OF UTAH  
STATE LAND BOARD

SALT LAKE CITY, UTAH

July 15, 1958

Re: Mineral Lease No. 858-A  
Surety Bond No. S-1020423

Fidelity & Casualty Co. of New York  
918 Boston Building  
Salt Lake City, Utah

Gentlemen:

Mr. Cleon B. Feight, of the Utah Oil & Gas Conservation Commission, has requested that we forward to your office certain information concerning operations under the above listed lease by John F. McCarthy which are covered by your Surety Bond No. S-1020423.

As you will note on the annual report of operations under this lease for the year 1954 the Fife #1 Well was re-opened by Mr. McCarthy in November and December of 1954, and since your bond covering operations under this lease was approved by the State Land Board on September 17, 1954, it would appear that any obligations under this bond would apply to the Fife #1 Well as well as the Kimball State #1 Well.

We trust this information will be of aid to you.

Yours very truly,

DONALD C. PRINCE  
LAND EXAMINER

DGP:jg  
Encl.

cc: C. B. Feight

ANNUAL REPORT FOR 1954

MINERAL LEASE NO. 858-A

STATE OF CALIFORNIA }  
COUNTY OF LOS ANGELES } ss

The undersigned, JOHN F. MCCARTHY, deposes and says:

1. He is the lessee of the above numbered Utah State Mineral Lease.
2. He commenced operations on the leased premises as required by said lease during the month of September, 1954.
3. Said operations consisted of:

KIMBALL STATE NO. 1 WELL

The drilling of a well for oil and gas upon the NW 1/4 of the NE 1/4 of Section 16, Township 22 South, Range 19 East, S.L.M., Grand County, Utah. Said well was drilled by W. K. Kimball as an independent contractor pursuant to the terms of an Operating Contract now of record with the Utah State Land Board. Said well was drilled to a total depth of 1,199 ft., employing cable tools. 7 inch casing was set and cemented at 1,070 ft. Oil sand was encountered between 1,068-1/2 ft. and 1,085 ft. The well was plugged back to 1,079 ft. and the interval from 1,070 ft. to 1,079 ft. was sandfracted, using Dowell equipment and services. 36° gravity paraffine base oil was recovered from the interval from 1,068-1/2 ft. to 1,085 ft., but the amount produced during 1954 was less than 100 bbls., and none thereof has been sold. All oil produced from the lease remains in storage on the lease and may be required for the conduct of further operations looking toward completion as a commercial producer. Soon after the sandfracting operation was completed the well sanded up. Operations will soon commence for the de-sanding of the well. The well is equipped with 2 inch tubing, pump, sucker rods, pumping unit, and two 100 bbl. flow tanks. The log of said well accompanies this report.

WELL NO. 1 WELL

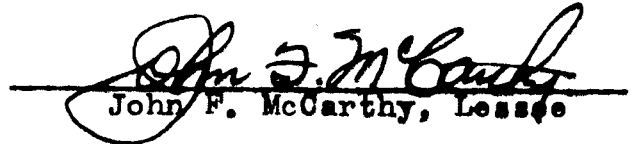
Several years ago, probably in 1945 or 1946, a well known as Well No. 1 was drilled on the NW 1/4 of the NE 1/4 of Section 16, Township 22 South, Range 19 East, S.L.M., Grand County, Utah, to a total depth of approximately 1,200 ft. Said well was cased to approximately that depth and was plugged. In November and December, 1954, using cable tools, that well was opened and a plug was found several hundred feet from the bottom of said well. By the use of tools, the plug was driven to a point near the bottom of the hole. Apparently during earlier operations the casing had been perforated at about 1,070 ft. The well was plugged back to approximately 1,080 ft. and the casing was perforated in the interval from approximately 1,070 ft. to 1,080 ft. 2 inch tubing, pump and sucker rods

were run and a pumping unit was installed on the well. During the year 1954 a small amount of oil was produced from the well in an amount estimated to be less than 50 bbls. This was placed in the flow tank of the Kimball State No. 1 Well and the same remains on the lease unsold, and may be used in future operations on the well. The Fife Well was not sandfracted and the operator proposes to defer that operation for an indefinite period so as to be able to check the effectiveness of the sandfracting process in the Kimball State No. 1 Well and in other wells which are soon to be drilled in the area.


4. The following materials were produced under this lease and the prices received for and royalty due and paid the State of Utah on said materials were as follows:

Less than 50 bbls. of 36° gravity paraffine base crude oil was produced during 1954. None thereof has been sold. The total value of such production does not exceed \$450.00, on which the royalty due the State of Utah would not exceed \$75.00, substantially less than the minimum rental paid for the year 1954. Neither of the above mentioned tanks were gauged on December 31, 1954, and the net production of said wells on hand will be accounted for and royalty will be paid thereon during 1955 when marketing arrangements for said oil have been made.

5. The distance and direction to the nearest area producing like substances to that of this lease is at Cisco, Utah, approximately 30 miles easterly of the lease.

  
John F. McCarthy, Lessee

Subscribed and sworn to before me this  
21 day of January, 1955.

  
Notary Public in and for said  
County and State.

My commission expires:

My Commission Expires June 21, 1958

NUMBER	LOCATION	LAND STATUS	OPERATOR AND WELL NUMBER	FIELD OR AREA	COMPLETED	ELEVATION	GEOLOGIC FORMATIONS SURFACE BOTTOM	TOPS: DEPTH IN FEET FROM SURFACE	REMARKS CONCERNING PRODUCING HORIZONS OR SHOWS	TOTAL DEPTH	WELL STATUS
10-74	NENE 16-22S19E S		Development Co. #1	Crescent	10-7-45	4729	Mancos Morrison		Oil show in 1935-36.	1,426	Abd
10-75	NENENE 16-22S19E S		Reeder Corp. #1	Salt Valley	12-7-41	4750?	Mancos ?			1,430	Abd
10-76	SESESW 20-22S19E Pu		Grand Pyramid Oil Inc. #1	Crescent	7-7-53	4630	Mancos ?	Kd 1430'.		1,430	Abd
10-77	NWSE 23-22S19E Pu		Big Six Oil Co. #1	Salt Valley	12-7-41	4670	Mancos Morrison?			1,430	DSI
10-78	SESE 9-22S20E Pu		Raddatz-Vogel-Travis #1	Thompson	10-3-25	4830	Mancos Morrison			1,450	Abd
10-79	NWNE 21-22S20E Pu		Hope Syndicate #1	Thompson	10-22-25	5250	Mancos Morrison			1,400	Abd
10-80	NWNW 33-22S22E Pu		Utah Southern Oil Co. #1	Cisco	4-7-37	4785	Morrison Hermosa		Water well temperatures at following depths: 60° F, 100'; 66.6°, 1000'; 76.1°, 2000'; 86.8°, 3000'; 96.5°, 4000'; 106.9°, 4800'.	6,715	Abd
10-81	SESE 6-22S23E Pu		P. D. Jones #1	Saleratus Creek	1900	4600	Mancos Morrison		No shows of oil or gas.	1,800	P&A
10-82	NWNNE 25-23S18E Pu		British-American Petroleum Co. #1	Ten Mile Wash	1912	4800?	Morrison Entrada		Water at 350'.	530	Abd
10-83	NWNW 36-23S18E S		W. P. Whisnant, et al #1	Ten Mile Wash	12-23-43	?	Mancos Wingate			1,136	P&A
10-84	SESE 18-23S19E Pu		Hagen #1	Ten Mile Wash	1913	4800?	Mancos Morrison		Fresh water at 425', salt water 600' and 870', showing of oil 910'.	920	Abd
10-85	NWSW 26-23S19E Pu		Moab Oil Co. #1	Ten Mile Wash	1912	4800?	Mancos Mancos			700	Abd
10-86	SWSNW 2-23S20E S		Pure Oil Co. #1	Northeast Salt Valley	2-4-49	5242	San Rafael Paradox Group	Jw 1275', Rc 1565', Rsh 1980', Rm 2060', Cpp 2480', Salt 2780'.	Schlumberger run at 1385'.	3,036	P&A
10-87	SESE 5-23S20E Pu		Western Allies #1	Salt Valley	1919	?	Jurassic Paradox		Show of oil and gas, salt and epsomite at 775-825', small show of gas and oil at 825'.	825	P&A
10-88	SENESE 13-23S20E Pu		Utah Southern Oil Co. #1	Salt Valley	10-23-29	5100?	Kayenta Paradox	Salt sequence 1570' to total depth.	Salt water 1478-1480' Cph.	3,829	Abd
10-89	NENWNW 32-23S21E S		King Oil Co. #1	Salt Valley	11-26-53	4870	Paradox Paradox		Show oil 3294-3358'. Shot with 308 quarts nitroglycerin, but no oil or gas by bailing.	3,550	Abd
10-90	C NWNW 32-23S21E G		Utah Southern Oil Co. #1	Salt Valley	10-27-32	4870	Paradox Paradox	Cpp 6120'.	Log is available on photostats. Oil showings from 3387-3436'. Water sands 840-850'.	6,120	P&A
10-91	SWNNE 36-24S22E S		Grand River Oil & Gas Co. #1	Castle Creek	1-5-50	3999	Moenkopi Granite Wash-Rico	Pr 1930'.	Hole left open above 350'. May be used for water.	3,711	Abd
10-92	SWNESE 12-24S23E Pu		Harry P. Hubbard #1	Onion Creek	5-15-51	4481	Cutler Paradox Member of Hermosa ?		Entire column was Arkosic in character.	7,955	P&A
10-93	SESE 2-25S20E S		Great Lakes Carbon Corp. #1	Seven Mile	8-15-46	?	Rico Paradox			3,655	Abd
10-94	SWSE 12-25S20E Pu		Columbia Crude Corp. #1	Seven Mile	10-26-38	4700	Rico Paradox	Salt 2440'.	Only creditable showing of oil was in three feet of sand from 2130-2133'.	4,243	Abd
10-95	NESW 20-25S21E Pu		Empire Petroleum Co. #1	Moab	7-7-26	4400	San Rafael ?			235	Abd
10-96	NENE 27-25S21E Pu		Embar Oil Co. #1	Moab	1926	4030	Jurassic ?			300	Abd
10-97	SENW 34-25S21E Pu		Embar-Big Six Oil Cos. #1	Moab	3-2-28	4000	Hermosa Paradox		Oil and gas showing at 2380-2420', 2870', 3000', 4303', and 4880'.	5,345	Abd
10-98	SESESE 35-25S21E P		Great Lakes Carbon Corp. #1	Moab	1-7-43	?	Hermosa Paradox			3,367	Abd
10-99	NESE 16-25S23E S		Grand River Oil & Gas Co. Sid Pace #1	Castle Creek	11-7-50	?	Alluvium ?			1,725	Abd
10-100	SENNWN 11-26S19E Pu		Glen M. Ruby #1	Big Flat	8-22-51	6040	Kayenta Moenkopi	Rm 928'.	Unable to recover tools due to caving.	1,008	Abd
10-101	SENNWN 11-26S19E Pu		Glen M. Ruby #1-A	Big Flat	5-26-53	6033	Kayenta Devonian	Jw 230', Rc 550', Rsh absent, Rm 925', Pcu-Pr 1395', Cphu 2085', Cph-Cpp 4100', Salt 4158-7520', Cpmo 7821' -4" only - Cml 7821', D 8105'.		8,213	Abd

Note: Wells for each county are "spotted" on the accompanying map.

Note: For abbreviated legend data see explanation before tables.

# McCarthy State Lease 858-a

Grand Co., Utah.

Location: NW $\frac{1}{4}$  NE $\frac{1}{4}$  Sec. 16, T. 22 S., R. 19 E.

T. D. 1200 feet.

Casing: Reportedly "cased to total depth & plugged".  
Well later opened (after posting of lease bond)  
and "plug" found several hundred feet from  
bottom.

Casing reportedly perforated about 1090'.

Well " P.B. to 1080'.

and casing again perforated at 1080' to 1070'.

Well placed on pump and intermittently  
pumped during 1954. Produced small  
amount of oil - less than 50 bbls.

## Plugging and Abandonment proposed procedure:

1. Spot 20-sack cement plug in casing at 1070' to 1010'.
2. Shoot off casing at 1010'.<sup>3</sup> Pull casing 10 ft. and place 5-sack cement plug on casing stub at 1010' to 995'.
4. Mud hole to surface with heavy mud as casing is being pulled, <sup>at surface</sup>
5. Set Regulation 4" marker in 5-sack cement plug.
6. Clean up location.



16-22S-19E SW NW NE, ~~K+all~~ <sup>McCarthy State</sup> CRESCENT - Grand County  
Oil Co. #2 (State), Ref. #1.

Dec. Sta  
Ren

DEC -- 1954

STATUS: Testg., TD 1215' Morrison (U.O.R. 1-3-55)  
REMARKS: Ran 2' to 1159'. Rigged pump. Pumped 12 y.  
BOPD, 35-37° gravity. \*Old well formerly known as corrected  
Utah Drilling & Development Co. #1. Location corrected status,  
to: 680 ft. from N. line and 2280 ft. from E. line  
of sec. Former status, Abd, TD 1215'. OR in December.

~~January~~

JAN

1955 STATUS: Testg., TD 1215' Morrison (P.I. 1-22-55)  
REMARKS: Perforated in Morrison at around 680' and  
1091'. Pumping 12 BOPD.

FEB

1955

STATUS: POW, TD 1215' Morrison (Visited 2-11-55,  
REMARKS: NEW OIL WELL. I.P.P. 6 BOPD. Gravity  
35.6°. Completed 1-23-55.

46

CRESCENT - Grand County AUG 1946  
16-22S-19E W NW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>, Utah Drilling & Development Co. Well No. 1,  
(State), Ref. No. 10

7  
STATUS: DST - T.D. 1215' PB 1080', Morrison  
(Visited 8-21-46)

1946  
AUG  
REMARKS: Heating and pumping temporarily suspended  
waiting on repairs for heater. Will drop from report.

CRESCENT - Grand County OCT 1946  
16-22S-19E W NW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>, Utah Drilling & Development Co. Well No. 1,  
(State), Ref. No. 10

STATUS: Abd - T.D. 1215'

1946  
OCT  
REMARKS: DRY HOLE OR FAILURE. Operator considered well  
not capable of production. Placed cement plug at 1080'  
and mudded hole to surface.

CRESCENT - Grand County November 1946  
16-22S-19E W NW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>, Utah Drilling & Development Co. Well No. 1,  
(State), Ref. No. 10

7  
STATUS: Abd - T.D. 1215' (Visited 11-20-46)

REMARKS: Equipment still at location, not yet cleaned up.  
Will drop from report until finally plugged and abandoned.

16-22S-19E CRESCENT - Grand County APR 1946  
W NW 1/4 NE 1/4, Utah Drilling & Development Co. Well No. 1  
(State), Ref. No. 10

STATUS: Drg (Testing) - T.D. 1215' PB 700'

REMARKS: Still cleaning out. No encouraging prospects of productivity.

16-22S-19E CRESCENT - Grand County MAY 1946  
W NW 1/4 NE 1/4, Utah Drilling & Development Co. Well No. 1  
(State), Ref. No. 10

STATUS: Drg (Testing) - T.D. 1215'

REMARKS: No response was had from testing of 700' show.  
Operator has drilled out plug to re-test lower shows at  
1055-1155'.

16-22S-19E CRESCENT - Grand County JUN 1946  
W NW 1/4 NE 1/4, Utah Drilling & Development Co. Well No. 1,  
(State), Ref. No. 10 (Visited 6-18-46)

STATUS: Drg (Testing) T.D. 1215' PB 1080', Morrison

REMARKS: Sand now being tested, 1055-1080', but because  
of 60° temperature in the formation oil will not respond  
naturally to pumping. For the past month operator has  
heat treated formation by use of 8-foot heating element  
set at 1080' and is able to pump approximately 70 bbls.  
oil over a period of 6 hours after a 24-hour period of  
heating. After 6-hour period oil sets up and fails to  
respond to pumping. Still testing.

16-22S-19E CRESCENT - Grand County JUL 1946  
W NW 1/4 NE 1/4, Utah Drilling & Development Co. Well No. 1,  
(State), Ref. No. 10

STATUS: Drg (Testing) T.D. 1215' PB 1080'

REMARKS: Continuing heating and testing of  
test. Daily average 6 bbls.

16-228-19E

CRESCENT - Grand County

FEB 1946

W NW 1/4 NE 1/4, Utah Drilling & Development Co. Well No. 1  
(State), Ref. No. 10

STATUS: Drg (Testing) - T.D. 1215' (Visited 2-19-46)

REMARKS: Pumping test proved unsatisfactory due to  
1/2" perforations sanding off. Rods and tubing were  
removed, and on February 16 casing was shot with 136  
quarts S.N.G. at 1055-1145'. Hole filled with 600'  
of mud and oil--no water. Upon bailing it was observed  
that light green oil was coming from formation at  
1125-1155' and a black oil, but not asphaltic in  
character, was present from 1065-1125'. As soon as  
hole is cleaned, an attempt will be made to secure  
bailer samples to verify or disprove the possibility  
of two different types of oil apparently present.

Productive capability of well still in doubt.

16-228-19E

CRESCENT - Grand County

MAR 1946

W NW 1/4 NE 1/4, Utah Drilling & Development Co. Well No. 1  
(State), Ref. No. 10

STATUS: Drg (Testing) - T.D. 1215' (S.Neff 4-1-46)

REMARKS: After cleaning out and bailing it was found  
that shot of 136 qts. S.N.G. at 1055-1145' had ruptured  
bottom plug and bottom hole water (salty) from the 1150'  
zone had come in with a small amount of oil--1 to 2 bbls.  
a day. Casing was PB with cement to approximately 700'  
and the 675-685' zone gun perforated. Fluid, apparently  
clean oil, rose to within 300' of the surface. Preparations  
for bailing now in progress. It appears this zone will  
produce at the rate of 2 bbls. an hour, but as to its  
sustaining ability the operator is still in doubt.

16-228-19E

CHESNEY, Wind County

JAN

1946

W. NEFF, Utah Drilling & Development Co. Well No. 1  
(State), Ref. No. 10

STATUS: Drg (Testing) - T.D. 1215' (S.Neff 1-28-46)

REMARKS: A 30-bbl. tank has been filled with clean oil  
with 240  $\frac{1}{2}$ " holes and 300 gallons HCl  
since perforating and acidizing 1025-1035' zone, but  
adequate production test has not as yet been made

because working barrel sanded up, and because of  
insufficient tankage at location. A 400-bbl. tank  
is being moved to well, rods and tubing have been  
pulled and well cleaned of sand from the perforated zone,

~~1025-1035' zone, 240  $\frac{1}{2}$ " holes and subsequently acidized~~

Operator rerunning rods and tubing in preparation for  
10-day continuous pumping test. Thus far a little over  
30 bbls. of oil in all has been bailed from well,  
although wild rumors persist that this is anywhere  
from 50 to 150 bbl. well.

JAN

1946

CRESCENT - Grand County OCT 1945  
16-22S-19E W NW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>, Utah Drilling & Development Co. Well No. 1  
(State), Ref. No. 10

7  
STATUS: Drg - T.D. 1215'

OCT 1945  
REMARKS: EL indicates sand at 1170-1190'. 6-5/8" CC  
at approximately 1210'. Operator contemplates gun  
perforating the 20-foot sand.

CRESCENT - Grand County  
16-22S-19E W NW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>, Utah Drilling & Development Co. Well No. 1  
(State), Ref. No. 10

7  
STATUS: Drg - T.D. 1215'

NOV 1945  
REMARKS: Testing of formation through perforations  
has resulted in very slight indications of oil. Still  
testing.

CRESCENT - Grand County DEC 1945  
16-22S-19E W NW<sup>1</sup>/<sub>4</sub>NE<sup>1</sup>/<sub>4</sub>, Utah Drilling & Development Co. Well No. 1  
(State), Ref. No. 10  
(Testing)

7  
STATUS: Drg - T.D. 1215'

DEC 1945  
REMARKS: Gun perforated at 1025-1035' and acidized with  
300 gallons HCl. On a brief bailing test hole headed with  
600' of oil and responded with 10 bbls. daily for several  
days intermittent bailing each day. Operator  
contemplates perforating further at this point.

CRESCENT - Grand County JUN 1945  
16-22S-19E W NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Utah Drilling & Development Co. Well No. 1  
(State), Ref. No. 10

STATUS: Drg - T.D. 350' (Visited 6-21-45)

REMARKS: NEW DRILLING WELL. Details not available  
at present. Will report next month.

CRESCENT - Grand County JUL 1945  
16-22S-19E W NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Utah Drilling & Development Co. Well No. 1  
(State), Ref. No. 10

STATUS: Drg - T.D. 1005' (7-27-45)

REMARKS: Drilling commenced 6-14-45. 20' 13" CC  
with 10 sacks. Show of light green oil at 625' in  
a green shale, not enough to warrant test. Cored  
630-750'. Sand at 705-780'—dry. Put on core barrel  
at approx. 1000' to test expected sand at around 1200'.

CRESCENT - Grand County AUG 1945  
16-22S-19E W NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Utah Drilling & Development Co. Well No. 1;  
(State), Ref. No. 10

STATUS: Drg - T.D. 1201' (S.Neff 8-20-45)

REMARKS: Cored a tight sand showing some saturation  
1148-1201'. Now preparing to shoot sand, (Morrison).

CRESCENT - Grand County SEP 1945  
16-22S-19E W NW $\frac{1}{4}$ NE $\frac{1}{4}$ , Utah Drilling & Development Co. Well No. 1  
(State), Ref. No. 10

STATUS: Drg - T.D. 1201' (9-26-45)

REMARKS: Drill stem test at 1120' was a failure  
due to pump failing to work. Attempting to repeat.  
at 1045-1045.

August 19, 1958

Mr. D. A. Skeen,  
Attorney at Law  
Continental Bank Building  
Salt Lake City, Utah

Dear Sir:

Transmitted herewith are notices of intention to plug and abandon the two wells located in Section 16, Township 22 South, Range 19 East, Crescent Junction, Grand County, Utah, namely Fife 1 - State, and Kimball 1 - State, located on the John McCarthy State lease.

As requested by you, and Mr. McCarthy, I have prepared these two notices which I believe will be adequate if followed through by your plugging operator to satisfy the Commission's requirements when duly executed and one copy of each returned to this office for approval. After this has been done, it is understood that when the plugging operator is ready to start the actual work, this office will be duly notified in order that all work on both wells can be witnessed by the writer.

We are enclosing log forms inasmuch as our files nor the State Land Board's contain a copy of the log on either of these two wells. It is requested that Mr. McCarthy supply us a copy of each when he returns the notices to abandon for approval.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

By CHAS. A. HAUPTMAN  
PETROLEUM ENGINEER

CAH:co

Encls.



State Capitol Building  
Salt Lake City 14, Utah

NW 1/4 NE 1/4

# LOG OF OIL OR GAS WELL

Operating Company W. H. Kimball, Ind. Contr Address \_\_\_\_\_  
 Lease or Tract: PIPE STATE McCarthy Field Crescent Junction State Utah  
 Well No. 2 Sec. 16 T. 22S R. 19E Meridian SLBM County Grand  
 Location \_\_\_\_\_ ft.  $\left\{ \begin{array}{c} \text{N.} \\ \text{S.} \end{array} \right\}$  of \_\_\_\_\_ Line and \_\_\_\_\_ ft.  $\left\{ \begin{array}{c} \text{E.} \\ \text{W.} \end{array} \right\}$  of \_\_\_\_\_ Line of \_\_\_\_\_ Elevation \_\_\_\_\_  
 (Derrick floor relative to sea level)

Signed

~~Title..... Lessee~~

Commenced drilling \_\_\_\_\_, 19\_\_\_\_ Finished drilling \_\_\_\_\_, 19\_\_\_\_

(Denote gas by  $G$ )

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 6, from \_\_\_\_\_ to \_\_\_\_\_

No. 1, from \_\_\_\_\_ to \_\_\_\_\_      No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_      No. 4, from \_\_\_\_\_ to \_\_\_\_\_

[illegible]

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

<b>Size</b>	<b>Shell used</b>	<b>Explosive used</b>	<b>Quantity</b>	<b>Date</b>	<b>Depth shot</b>	<b>Depth cleaned out</b>

## TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 19\_\_\_\_ Put to producing \_\_\_\_\_, 19\_\_\_\_

The production for the first 24 hours was ..... barrels of fluid of which .....% was oil; .....% emulsion; .....% water; and .....% sediment. Gravity, °Bé. ....

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. -----

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

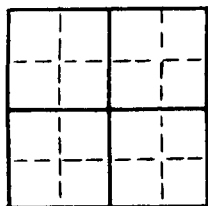
FROM—	TO—	TOTAL FEET	FORMATION
			<p>This well was drilled many years ago under an earlier lease from the Utah State Land Board. Apparently it was drilled to a total depth of about 1200 feet and cased to that depth and plugged. In 1954 W. H. Kimball, using cable tools, opened the well and found a plug several hundred feet from bottom. He drove the plug to a point near bottom, plugged back to 1080 and perforated the casing from 1070' to 1080' and attempted to get production. Less than 50 bbl. was received and this was used for further lease operations. This work was done without prior authority from me.</p>
NOTE:	This log and report is based on well data supplied to me by W. H. Kimball. I have no detailed personal knowledge of same.		

**[OVER]**

SEP 5 1950

(SUBMIT IN DUPLICATE)

LAND:



**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**

STATE CAPITOL BUILDING  
 SALT LAKE CITY 14, UTAH

Fee and Patented.....☐  
 State .....☒  
 Lease No. ....  
 Public Domain .....☐  
 Lease No. ....  
 Indian .....☐  
 Lease No. ....

## SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill..... Notice of Intention to Change Plans..... Notice of Intention to Redrill or Repair..... Notice of Intention to Pull or Alter Casing..... Notice of Intention to Abandon Well.....	X	Subsequent Report of Water Shut-off..... Subsequent Report of Altering Casing..... Subsequent Report of Redrilling or Repair..... Supplementary Well History.....   
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August, 1958.

FIVE - STATE  
 Well No. 1 is located        ft. from  $\left\{ \begin{smallmatrix} N \\ S \end{smallmatrix} \right\}$  line and        ft. from  $\left\{ \begin{smallmatrix} E \\ W \end{smallmatrix} \right\}$  line of Sec.         
NW $\frac{1}{4}$  NE $\frac{1}{4}$  Section 16 22 South 19 East SLBM  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Crescent Junction Grand Utah  
(Field) (County or Subdivision) (State or Territory)

 The elevation of the derrick floor above sea level is        feet.

 A drilling and plugging bond has been filed with       

Note: This report is based on well data supplied to me by J. E. Kinkell. I have no detailed personal knowledge of same.

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Total Depth: 1200 feet.

Casing: Reportedly cased to total depth & plugged. Well later opened (after posing of lease bond) and plug found several hundred feet from bottom...Casing reportedly perforated about 1090'. Well reportedly P. B. to 1080'..and casing again perforated at 1080' to 1070'. Well placed on pump and intermittantly pumped during 1954. Produced small amount of oil - less than 50 barrels.

Plugging &amp; Abandonment Proposed Procedure:

1. Spot 20 sack cement plug in casing at 1070' to 1010'.
2. Shoot off casing at 1010'.
3. Pull casing 10 feet and place 5 sack cement plug on casing stub at 1010 to 995'.
4. Mud hole to surface with heavy mud as casing is being pulled.
5. Set regulation 4" marker at surface in 5 sack cement plug.
6. Clean up location.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

 Company John F. McCarthy, Lessee

 Address South Gate, California

 By John F. McCarthy

 Title       

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

September 16, 1958

The State Land Board  
Room 105, State Capitol  
Salt Lake City 14, Utah

Gentlemen:

On September 11, and 12, I witnessed the plugging and abandonment operations on Fife-State No. 1 well located on NW $\frac{1}{4}$  NE $\frac{1}{4}$ , Section 16, Township 22 South, Range 19 East, Crescent Junction Area, Utah. This Section 16 is leased by the State to J. F. McCarthy, ML 858-A, who posted Surety Bond No. S-1020423, to cover liability of operations thereon.

Inasmuch as plugging and abandonment operations on both of these wells, namely the Fife-State No. 1 and the Kimball-State No. 1, have been completed to the satisfaction of the Oil & Gas Conservation Commission, we have no objection to release of liability under the bond, with the possible exception that:

On my trip witnessing the above plugging and abandonment work I learned from John Moore, Contractor who performed this work, that there still is a well known as Leona McCarthy No. 1, located in NE Corner NE $\frac{1}{4}$  NE $\frac{1}{4}$ , Section 16, drilled in 1940 to a depth of 1426 feet. This well has 1210 feet of 6  $\frac{5}{8}$ " casing, not cemented. The hole is open (except for a 2' bull plug in top of 6  $\frac{5}{8}$ " casing) and fluid (reportedly sulphur water and some oil) is evident in the well.

The bottom of the hole should be cemented off with 25 sacks of cement and the hole mudded to the surface, and regulation marker set in place. The well site apparently has been cleaned up O. K.

John Moore supplied the above well data. No information is available from any other source, either U.S.G.S., Oil & Gas Division, State Land Board, or Crescent Eagle Oil Company, which operated the lease.

As of today, Moore is still on the lease, and he has proposed to plug and abandon this well to our satisfaction for the casing he may be able to recover from the well, providing he can obtain authorization while his equipment is near.

The State Land Board

Page 2  
September 16, 1938

There is some doubt whether the lessee or surety on the present bond may be held liable for this previous operation; however, the lessee may be ready and willing to permit Moore to plug and abandon this well as he suggested.

In case the well is not properly plugged and abandoned, the lessee's claim to the lease might be questioned for lack of good operating practice, and lease cancellation threatened.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CHAS. A. HANFTMAN  
PETROLEUM ENGINEER

CAN:ee

Bond release is  
subject to plugging  
of Leona Mc Carthy #1  
also on this lease.

The Kimball - Mc Carthy  
State #1 is now ~~satisfactorily~~  
P+Q. CR #

8-24-59.